

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number:

10/565,009

Source:

IFUD

Date Processed by STIC:

8/18/06

ENTERED



IFWO

RAW SEQUENCE LISTING DATE: 08/18/2006
 PATENT APPLICATION: US/10/565,009 TIME: 09:05:17

Input Set : A:\2006-08-07 3493-0157PUS1.txt
 Output Set: N:\CRF4\08182006\J565009.raw

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3 <110> APPLICANT: PINEL Anne-Marie
4      HOCQUAUX Michel
6 <120> TITLE OF INVENTION: NOVEL PEPTIDIC CONJUGATES FOR ALOPECIA PREVENTIVE
7      AND CURATIVE TREATMENT
9 <130> FILE REFERENCE: 3493-0157PUS1
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/565,009
C--> 12 <141> CURRENT FILING DATE: 2006-01-18
14 <150> PRIOR APPLICATION NUMBER: FR 03/08797
15 <151> PRIOR FILING DATE: 2003-07-18
17 <160> NUMBER OF SEQ ID NOS: 12
19 <170> SOFTWARE: PatentIn version 3.2
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 11
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Synthetic Peptide
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <222> LOCATION: (1)..(3)
32 <223> OTHER INFORMATION: Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp
33     sequences or Arg amino acid or a bond and up to
34     3 residues may be present or absent
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (7)..(11)
39 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA sequences,
40     the amino acids Dopa amide or HomOPhe amide and up to 4
41     residues may be present or absent
44 <400> SEQUENCE: 1
W--> 46 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
47 1          5          10
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 11
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic Peptide
58 <220> FEATURE:
59 <221> NAME/KEY: misc_feature
60 <222> LOCATION: (1)..(3)
61 <223> OTHER INFORMATION: Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to
62     1 residue may be present or absent

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64 <220> FEATURE:
65 <221> NAME/KEY: misc_feature
66 <222> LOCATION: (7)..(11)
67 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA, Val-Tyr,
68     Val-Tyr-amide sequences, or the amino acids Tyr, Tyr amide,
69     Dopa amide or HomoPhe amide amide and up to 4 residues may
70     be present or absent
72 <400> SEQUENCE: 2
W--> 74 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
75.1      5      10
78 <210> SEQ ID NO: 3
79 <211> LENGTH: 11
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Synthetic Peptide
86 <220> FEATURE:
87 <221> NAME/KEY: MOD_RES
88 <222> LOCATION: (1)..(1)
89 <223> OTHER INFORMATION: BLOCKED
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (1)..(3)
94 <223> OTHER INFORMATION: Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp sequences
95     or Arg amino acid or a bond and up to 3 residues may
96     be present or absent
98 <220> FEATURE:
99 <221> NAME/KEY: misc_feature
100 <222> LOCATION: (7)..(11)
101 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA sequences,
102     the amino acids Dopa amide or HomoPhe amide and up to 4
103     residues may be present or absent
106 <400> SEQUENCE: 3
W--> 108 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
109 1      5      10
112 <210> SEQ ID NO: 4
113 <211> LENGTH: 11
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Synthetic Peptide
120 <220> FEATURE:
121 <221> NAME/KEY: MOD_RES
122 <222> LOCATION: (1)..(1)
123 <223> OTHER INFORMATION: BLOCKED
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (1)..(3)
128 <223> OTHER INFORMATION: Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to

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129      1 residue may be present or absent
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (7)..(11)
134 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA, Val-Tyr,
135      Val-Tyr-amide sequences, or the amino acids Tyr, Tyr
136      amide, Dopa amide or HomopHe amide and up to 4 residues
137      may be present or absent
139 <400> SEQUENCE: 4
W--> 141 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
142 1      5      10
147 <210> SEQ ID NO: 5
148 <211> LENGTH: 5
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetic Peptide
155 <220> FEATURE:
156 <221> NAME/KEY: MOD_RES
157 <222> LOCATION: (1)..(1)
158 <223> OTHER INFORMATION: BLOCKED
160 <220> FEATURE:
161 <221> NAME/KEY: MOD_RES
162 <222> LOCATION: (5)..(5)
163 <223> OTHER INFORMATION: AMIDATION
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (5)..(5)
168 <223> OTHER INFORMATION: Xaa = homophenylalanine amide.
170 <400> SEQUENCE: 5
W--> 172 Arg Lys Asp Val Xaa
173 1      5
176 <210> SEQ ID NO: 6
177 <211> LENGTH: 4
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Synthetic Peptide
184 <220> FEATURE:
185 <221> NAME/KEY: MOD_RES
186 <222> LOCATION: (1)..(1)
187 <223> OTHER INFORMATION: BLOCKED
189 <220> FEATURE:
190 <221> NAME/KEY: MOD_RES
191 <222> LOCATION: (4)..(4)
192 <223> OTHER INFORMATION: AMIDATION
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (4)..(4)

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Input Set : A:\2006-08-07 3493-0157PUS1.txt

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197 <223> OTHER INFORMATION: Xaa = dihydrophenylalanine amide.
199 <400> SEQUENCE: 6
W--> 201 Lys Asp Val Xaa
202 1
205 <210> SEQ ID NO: 7
206 <211> LENGTH: 5
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Synthetic Peptide
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (1)..(1)
216 <223> OTHER INFORMATION: BLOCKED
218 <220> FEATURE:
219 <221> NAME/KEY: MOD_RES
220 <222> LOCATION: (5)..(5)
221 <223> OTHER INFORMATION: AMIDATION
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (5)..(5)
226 <223> OTHER INFORMATION: Xaa = dihydrophenylalaline amide.
228 <400> SEQUENCE: 7
W--> 230 Arg Lys Asp Val Xaa
231 1 5
234 <210> SEQ ID NO: 8
235 <211> LENGTH: 6
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthetic Peptide
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (1)..(3)
245 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present
246 or absent
248 <400> SEQUENCE: 8
W--> 250 Xaa Xaa Xaa Gly His Lys
251 1 5
254 <210> SEQ ID NO: 9
255 <211> LENGTH: 6
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Synthetic Peptide
262 <220> FEATURE:
263 <221> NAME/KEY: misc_feature
264 <222> LOCATION: (1)..(3)
265 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present

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266         or absent
268 <220> FEATURE:
269 <221> NAME/KEY: MOD_RES
270 <222> LOCATION: (6)..(6)
271 <223> OTHER INFORMATION: AMIDATION
273 <400> SEQUENCE: 9
W--> 275 Xaa Xaa Xaa Gly His Lys
276 1          5
279 <210> SEQ ID NO: 10
280 <211> LENGTH: 6
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Synthetic Peptide
287 <220> FEATURE:
288 <221> NAME/KEY: MOD_RES
289 <222> LOCATION: (1)..(1)
290 <223> OTHER INFORMATION: BLOCKED
292 <220> FEATURE:
293 <221> NAME/KEY: misc_feature
294 <222> LOCATION: (1)..(3)
295 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
296     present or absent
299 <400> SEQUENCE: 10
W--> 301 Xaa Xaa Xaa Gly His Lys
302 1          5
305 <210> SEQ ID NO: 11
306 <211> LENGTH: 6
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Synthetic Peptide
313 <220> FEATURE:
314 <221> NAME/KEY: MOD_RES
315 <222> LOCATION: (1)..(1)
316 <223> OTHER INFORMATION: BLOCKED
318 <220> FEATURE:
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (1)..(3)
321 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
322     present or absent
324 <220> FEATURE:
325 <221> NAME/KEY: MOD_RES
326 <222> LOCATION: (6)..(6)
327 <223> OTHER INFORMATION: AMIDATION
329 <400> SEQUENCE: 11
W--> 331 Xaa Xaa Xaa Gly His Lys
332 1          5
335 <210> SEQ ID NO: 12

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/565,009

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,7,8,9,10,11 ✓
Seq#:2; Xaa Pos. 1,2,3,7,8,9,10,11 ✓
Seq#:3; Xaa Pos. 1,2,3,7,8,9,10,11 ✓
Seq#:4; Xaa Pos. 1,2,3,7,8,9,10,11 ✓
Seq#:5; Xaa Pos. 5 ✓
Seq#:6; Xaa Pos. 4 ✓
Seq#:7; Xaa Pos. 5 ✓
Seq#:8; Xaa Pos. 1,2,3 ✓
Seq#:9; Xaa Pos. 1,2,3 ✓
Seq#:10; Xaa Pos. 1,2,3 ✓
Seq#:11; Xaa Pos. 1,2,3 ✓

VERIFICATION SUMMARY

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Input Set : A:\2006-08-07 3493-0157PUS1.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0